



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX TO AMERICAN BOTANICAL LITERATURE

(1904-1911)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

This Index is reprinted monthly on cards, and furnished in this form to subscribers, at the rate of one cent for each card. Selections of cards are not permitted; each subscriber must take all cards published during the term of his subscription. Correspondence relating to the card issue should be addressed to the Treasurer of the Torrey Botanical Club.

- Barbour, J. H.** On the flora of McNab's Island, Halifax Harbour, N. S. Proc. & Trans. Nova Scotian Inst. Sci. **11**: 553-569. f. 1-4. Au 1908.
- Dearness, J.** The *Cyperaceae* of Middlesex County. Ontario Nat. Sci. Bull. **3**: 18-22. 1907.
- Dearness, J.** Fungi as food: some Ontario species. Ontario Nat. Sci. Bull. **4**: 111-126. 1908.
- Durand, E. J.** The *Geoglossaceae* or earth-tongues. Ontario Nat. Sci. Bull. **5**: 22-25. 1909.
- Dusén, P., & Neger, F. W.** Chilenisch-patagonische Charakterpflanzen. Vegetationsbilder **6**: pl. 43-48. 1908.
- Eames, A. J.** On the origin of the herbaceous type in the Angiosperms. Ann. Bot. **25**: 215-224. pl. 14. Ja 1911.
- East, E. M.** The genotype hypothesis and hybridization. Am. Nat. **5**: 160-174. f. 1-6. Mr 1911.
- Edgerton, C. W.** Two new fig diseases. Phytopathology **1**: 12-17. pl. 4 + f. 1. F 1911.
Tubercularia Fici Edgerton.
- Eichlam, F.** Mitteilungen aus Zentral-Amerika—VI. Monats. Kakteenk. **21**: 1-5. 15 Ja 1911.

- Elmer, A. D. E.** The *Callicarpae* of Mount Apo. Leaflets Philip. Bot. **3**: 861-866. 5 D 1910.
Includes *C. apoensis* Elm., *C. flavida* Elm., and *C. affinis* Elm. spp. nov.
- Elmer, A. D. E.** *Euphorbiaceae* collected on Sibuyan Island. Leaflets Philip. Bot. **3**: 903-931. 23 D 1910.
Includes 19 new species.
- Elmer, A. D. E.** New and interesting *Gesneraceae*. Leaflets Philip. Bot. **3**: 947-970. 31 D 1910.
Includes 15 new species.
- Elmer, A. D. E.** Notes on *Fagraea*. Leaflets Philip. Bot. **3**: 857-860. 29 N 1910.
Includes *Fagraea Nonok* Elm., and *Fagraea gitingensis* Elm. spp. nov.
- Elmer, A. D. E.** The oaks of Mount Apo. Leaflets Philip. Bot. **3**: 933-946. 27 D 1910.
Includes *Quercus submonticola* Elm., *Q. Zschokkei* Elm. and *Q. apoensis* Elm. spp. nov.
- Elmer, A. D. E.** *Sapotaceae* from Sibuyan Island. Leaflets Philip. Bot. **3**: 867-874. 10 D 1910.
Includes new species in *Palaequium* (2) and in *Sideroxylon* (3).
- Elmer, A. D. E.** Three new *Cyperaceae*. Leaflets Philip. Bot. **3**: 853-855. 26 N 1910.
Includes *Cladium juncoides* Elm. and *Fimbristylis utilis* Elm. spp. nov.
- Elmer, A. D. E.** *Urticaceae* from the vicinity of Mount Apo. Leaflets Philip. Bot. **3**: 875-901. 15 D 1910.
Includes descriptions of 15 new species.
- Faull, J. H.** The influence of Darwin on botanical science. Ontario Nat. Sci. Bull. **5**: 31-37. 1909.
- Fernald, M. L.** The variations of *Lathyrus palustris* in eastern America. Rhodora **13**: 47-52. 3 Mr 1911.
Lathyrus pilosus sp. nov.
- Groh, H.** The inflorescence of the Canada thistle (*Cnicus arvensis*). Ontario Nat. Sci. Bull. **3**: 41, 42. 1907.
- Harger, E. B.** A new *Arabis*. Rhodora **13**: 37-39. 3 Mr 1911.
Arabis viridis sp. nov.
- Hassler, E.** *Bignoniaceae*. [In Ex herbario Hassleriano: Novitates paraguarienses. X.] Repert. Sp. Nov. **9**: 49-63. 25 D 1910.
1 new genus and 4 new species described.
- Hassler, E.** *Leguminosae*—V. [In Ex herbario Hassleriano: Novitates paraguarienses. IX.] Repert. Sp. Nov. **9**: 1-18. 10 D 1910. [Illust.]; —VI. [In Ex herbario Hassleriano: Novitates paraguarienses. XII.] Repert. Sp. Nov. **9**: 145-160. 10 F 1911.

- Herriot, W.** *Ericaceae* and *Orchidaceae* in the vicinity of Galt, Ont. Ontario Nat. Sci. Bull. **5**: 26-30. 1909.
- Herriot, W.** The grasses of Galt, Ont., and vicinity. Ontario Nat. Sci. Bull. **4**: 126-132. 1908.
- Herzog, T.** Pflanzenformationen aus Ost-Bolivia. Vegetationsbilder **7**: *pl.* 31-42. 1909.
- Hoffman, E. J.** Fructification of *Macrocystis*. Univ. Calif. Publ. Bot. **4**: 151-158. *pl.* 20. 25 F 1911.
- Holm, T.** Biologic plant-types. Ontario Nat. Sci. Bull. **5**: 9-22. 1909.
- Holm, T.** Botanical excursions. Ontario Nat. Sci. Bull. **3**: 2-6. 1907.
- Holm, T.** The history of caricography. Ontario Nat. Sci. Bull. **4**: 105-111. 1908.
- Honing, J. A.** Die Doppelnatur der *Oenothera Lamarckiana*. Zeits. Induk. Abstammungs- und Vererbungslehre **4**: 227-278. *f.* 1-10. Ja 1911.
- Humbert, E. P.** A quantitative study of variation, natural and induced, in pure lines of *Silene noctiflora*. Zeits. Induk. Abstammungs- und Vererbungslehre **4**: 161-226. *f.* 1-11. Ja 1911.
- Johannsen, W.** The genotype conception of heredity. Am. Nat. **45**: 129-159. Mr 1911. [Illust.]
- Johnson, E. C.** Floret sterility of wheats in the southwest. Phytopathology **1**: 18-27. F 1911.
- Karsten, G.** Mexikanischer Wald der Tropen und Subtropen. Vegetationsbilder **1**: *pl.* 19-24. 1904.
- Karsten, G., & Stahl, E.** Mexikanische Kakteen-, Agaven- und Bromeliaceen-Vegetation. Vegetationsbilder **1**: *pl.* 43-48. 1904.
- Kern, F. D.** The rusts of white and red clover. Phytopathology **1**: 3-6. F 1911.
- Klugh, A. B.** The *Carices* of the vicinity of Kingston. Ontario Nat. Sci. Bull. **4**: 103, 104. 1908.
- Kunze, R. E.** *Echinocactus corniger* P. DC. var. *flavispinus* Haage jun. Monats. Kakteenk. **21**: 9, 10. 15 Ja 1911. [Illust.]
- Lee, E.** The morphology of leaf-fall. Ann. Bot. **25**: 51-106. *pl.* 4-6 + *f.* 1-20. Ja 1911.
- McFadden, A. S.** The nature of the carpostomes in the cystocarp of *Ahnfeldtia gigartinoides*. Univ. Calif. Publ. Bot. **4**: 137-142. *pl.* 18. 25 F 1911.

- McFadden, M. E.** On a *Colacodasya* from Southern California. Univ. Calif. Publ. Bot. **4**: 143-150. *pl.* 19. 25 F 1911.
Includes *Colacodasya verrucaeformis* Setchell & McFadden sp. nov.
- MacKay, A. H.** Fungi of Nova Scotia: first supplementary list. Proc. & Trans. Nova Scotian Inst. Sci. **12**: 119-138. 24 Au 1908.
- MacKay, A. H.** Phenological observations in Nova Scotia and Canada 1904. Proc. & Trans. Nova Scotian Inst. Sci. **11**: 373-386. Ap 1908.
- MacKay, A. H.** Water-rolled weed-balls. Proc. & Trans. Nova Scotian Inst. Sci. **11**: 667-670. Au 1908. [Illust.]
- Macoun, W. T.** Exotic trees and shrubs which reproduce themselves naturally from seed at Ottawa. Ontario Nat. Sci. Bull. **3**: 10, 11. 1907.
- Mann, A.** Report on the diatoms of the Albatross voyages in the Pacific Ocean, 1888-1904. Contr. U. S. Nat. Herb. **10**: 221-442. *pl.* 44-54. 11 Jl 1907.
- Manns, T. F.** Black-leg or *Phoma* wilt of cabbage. Phytopathology **1**: 28-31. *pl.* 5, 6. F 1911.
- Meyer, R.** *Echinopsis formosissima* Lab. und *Cereus pasacana* Web. Monats. Kakteenk. **21**: 10-15. 15 Ja 1911.
- Mitchell, F.** General notes. Ontario Nat. Sci. Bull. **5**: 51-54. 1909.
- Moore, T. J.** The ferns of Wellington County. Ontario Nat. Sci. Bull. **3**: 12-14. 1907.
- Nichols, G. E.** Notes on Connecticut mosses—II. Rhodora **13**: 40-46. 3 Mr 1911.
- Osborne, T. B.** The vegetable proteins. i-xiii + 1-125. London. 1909.
- Petrak, F.** Über eine neue Art der Gattung *Cirsium* aus Nord-Mexiko. Repert. Sp. Nov. **9**: 177, 178. 10 F 1911.
- Pranker, T. L.** On the structure and biology of the genus *Hottonia*. Ann. Bot. **25**: 253-267. *pl.* 20, 21 + *f.* 1-6. Ja 1911. [Illust.]
- Prest, W. H.** Edible wild plants of Nova Scotia. Proc. & Trans. Nova Scotian Inst. Sci. **11**: 387-416. Ap 1908.
- Purpus, C. A.** Mexikanische Hochgipfel. Vegetationsbilder **5**: *pl.* 46-51. 1907.
- Purpus, A., & Purpus, C. A.** Arizona. Vegetationsbilder **4**: *pl.* 37-42. 1907.
- Rehm, H.** *Ascomycetes* exs. fasc. 47. Ann. Myc. **9**: 1-7. F 1911.

- Rick, J.** Die Gattung *Geaster* und ihre Arten. Beih. Bot. Centralb. **27**: 375-384. f. 1, 2. 31 D 1910.
- Rose, J. N.** Two new species of *Harperella*. Contr. U. S. Nat. Herb. **13**: 289. 24 F 1911.
Harperella vivipara Rose and *H. fluviatilis* Rose.
- Rose, J. N., & Standley, P. C.** The genus *Talinum* in Mexico. Contr. U. S. Nat. Herb. **13**: 281-288. pl. 44, 45. 24 F 1911.
Includes descriptions of 9 new species.
- Rosenstock, E.** *Filices* costaricensis. Repert. Sp. Nov. **9**: 67-70. 25 D 1910.
5 new species described.
- Rusby, H. H.** Report on recent collections in Mexico. Jour. N. Y. Bot. Gard. **12**: 27, 28. F 1911.
- Rusby, H. H.** Some useful plants of Mexico. Jour. N. Y. Bot. Gard. **12**: 1-16. f. 1-6. Ja 1911.
- Sargent, C. S.** *Crataegi* of Ontario. Ontario Nat. Sci. Bull. **3**: 6-10. 1907.
- Sargent, C. S.** *Crataegus* in Ontario. Ontario Nat. Sci. Bull. **4**: 11-98. 1908.
Many new species described.
- Schenck, H.** Strandvegetation Brasiliens. Vegetationsbilder **1**: pl. 37-42. 1904.
- Schenck, H.** Südbrasilien. Vegetationsbilder **1**: pl. 1-6. 1903.
- Schiffner, V.** Untersuchungen über Amphigastrial-Antheridien und über den Bau der Andröcien der Ptilidioideen. Hedwigia **50**: 146-162. f. 1-39. 30 D 1910.
- Schlechter, R.** *Orchidaceae* novae et criticae. Repert. Sp. Nov. **9**: 21-32. 10 D 1910; **9**: 161-166. 10 F 1911.
- Scott, W. M.** A new fruit spot of apple. Phytopathology **1**: 32-34. F 1911.
- Sinnott, E. W.** The evolution of the filicinean leaf-trace. Ann. Bot. **25**: 167-191. pl. 11 + f. 1-11. Ja 1911.
- Skottsberg, C.** Vegetationsbilder aus Feuerland von den Falkland-Inseln und von Südgeorgien. Vegetationsbilder **4**: pl. 13-24. 1906.
- Skottsberg, C.** Vegetationsbilder von den Juan Fernandez-Inseln. Vegetationsbilder **8**: pl. 7-12. 1910.
- Smith, E. F.** Crown gall of plants. Phytopathology **1**: 7-11. pl. 2, 3. F 1911.
- Stahl, E.** Mexikanische Nadelhölzer. Vegetationsbilder **2**: pl. 13-18. 1905.

- Stahl, E.** Nordmexikanische Xerophyten. Vegetationsbilder 2: *pl.* 19-24. 1905.
- Theissen, F.** Fungi riograndenses. Beih. Bot. Centralb. 27: 384-411. 31 D 1910.
Includes 9 new species.
- Theissen, F.** *Hypocreaceae* riograndenses. Broteria 9: 121-147. *pl.* 5-9. 1910.
Includes 15 new species in *Nectria* (6), *Sphaerostilbe* (1), *Hypocrea* (5), *Pleonectria* (1), and *Hypocrella* (2).
- Theissen, F.** Die *Hypocreaceen* von Rio Grande do Sul, Südbrasilien. Ann. Myc. 9: 40-73. *pl.* 5-7. F 1911.
- Theissen, F.** Mycogeographische Fragen. Beih. Bot. Centralb. 27: 359-374. 31 D 1910.
- Ule, E.** Ameisenpflanzen des Amazonasgebietes. Vegetationsbilder 4: *pl.* 1-6. 1906.
- Ule, E.** Blumengärten der Ameisen am Amazonenstrom. Vegetationsbilder 3: *pl.* 1-6. 1905.
- Ule, E.** Epiphyten des Amazonasgebietes. Vegetationsbilder 2: *pl.* 1-6. 1905.
- Ule, E.** Das Innere von Nordost-Brasilien. Vegetationsbilder 6: *pl.* 13-18. 1908.
- Urban, I.** Zwei neue *Loasaceen* von Sto. Domingo. Ber. Deuts. Bot. Gesells. 28: 515-523. *pl.* 15. 26 Ja 1911.
- Wester, P. J.** Contributions to the history and bibliography of the roselle. Bull. Torrey Club 38: 91-98. *f.* 1, 2. 7 Mr 1911.
- Weingart, W.** *Phyllocactus Eichlamii* spec. nov. Monats. Kakteenk. 21: 5-7. 15 Ja 1911.
- Wettstein, A.** Die nordamerikanischen Arten der Gattung *Gentiana*; Sect. *Endotricha*. Oesterr. Bot. Zeits. 50: 189-195. *pl.* 6 + *f.* 1-4. Je 1909.
- Whetzel, H. H.** A fungus living as a parasite upon another fungus. Ontario Nat. Sci. Bull. 5: 3, 4. *f.* 1-3. 1909.
Cephalothecium on *Scleroderma*.
- Whetzel, H. H.** A parasitic fungus that winters in the seed of its host. Ontario Nat. Sci. Bull. 4: 7-9. 1908.